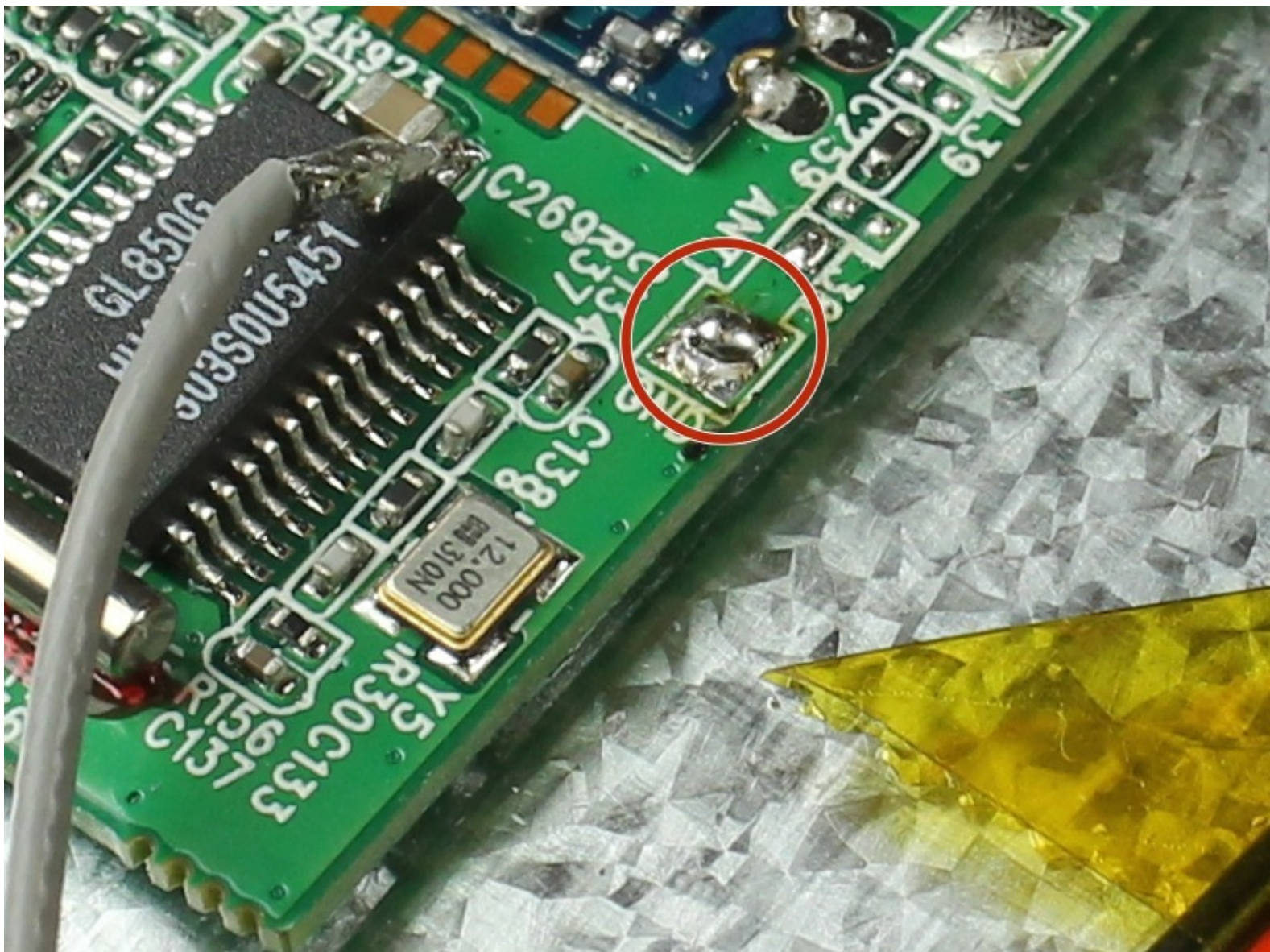




# Xelio P1001A-BK Wi-Fi Antenna Replacement

This guide will lead you step-by-step on how to replace the Wi-Fi Antenna.

Written By: Josh Saenz



---

## INTRODUCTION

The wire that connects the Wi-Fi antenna to the motherboard is a coaxial wire. The coaxial wire consists of a wire insulator(plastic), wire braid shield(middle layer), and center conductor(inner layer) surrounded by an insulator. The connecting points of the coaxial wire to the motherboard are very small and may require a magnifying glass to see clearly.

---



### TOOLS:

- [Flat Needle Nose Pliers](#) (1)
  - [Soldering Station](#) (1)
  - [Jeweler's Loupe LED Magnifier](#) (1)
-

## Step 1 — Removing the Back Cover



- Locate screws at each corner on the side of the tablet

## Step 2



- With a Phillips #0 screwdriver, remove the two 3mm x 1mm retaining screws
- ⓘ Store the screws in a plastic bag or other appropriate container.

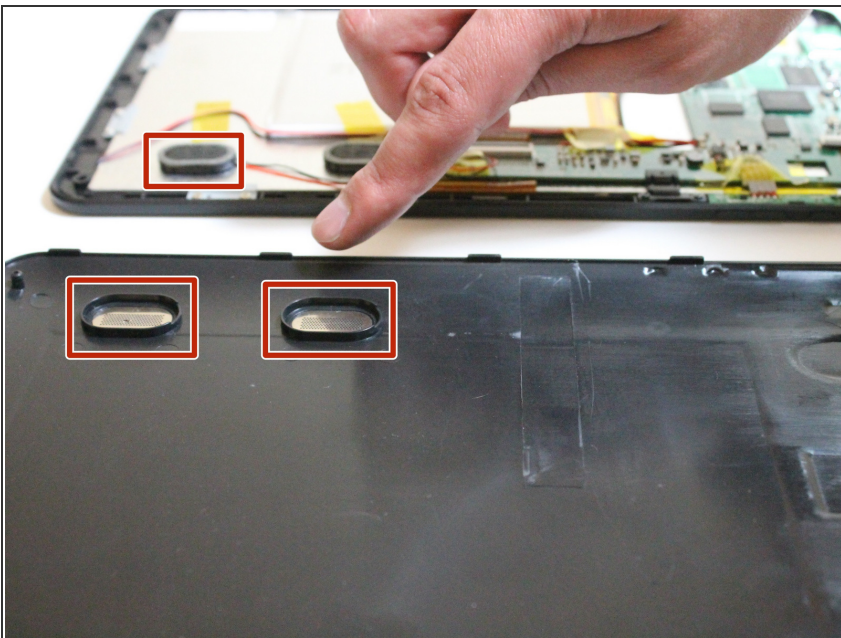


## Step 3



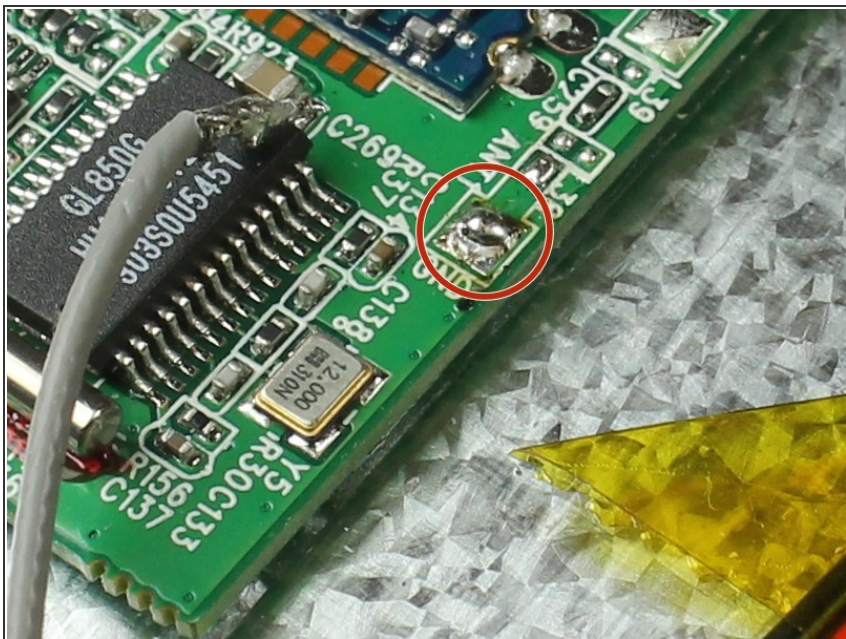
- Using the plastic opening tool, disengage the securing tabs that are along the two long sides of the tablet, four on each side.
- Slowly rotate up the side of the tablet opposite from the control buttons.

## Step 4



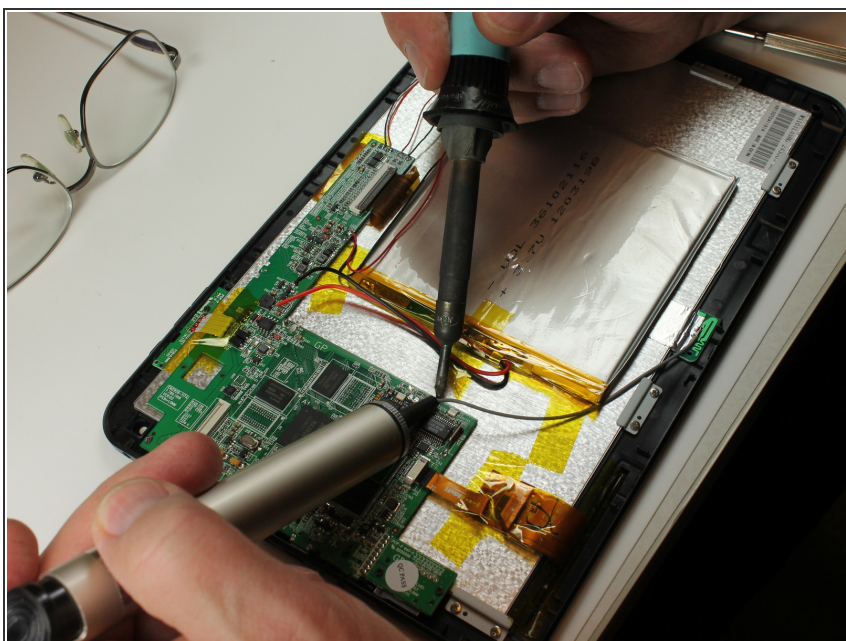
- ⚠ Before fully separating the shell halves, observe if the speakers are separated from the shell half
- If they are, the shell half can be fully separated from the front shell half
- If they are still in their sockets, gently pry them loose with the plastic opening tool.

## Step 5 — Wi-Fi Antenna



- Locate soldering points

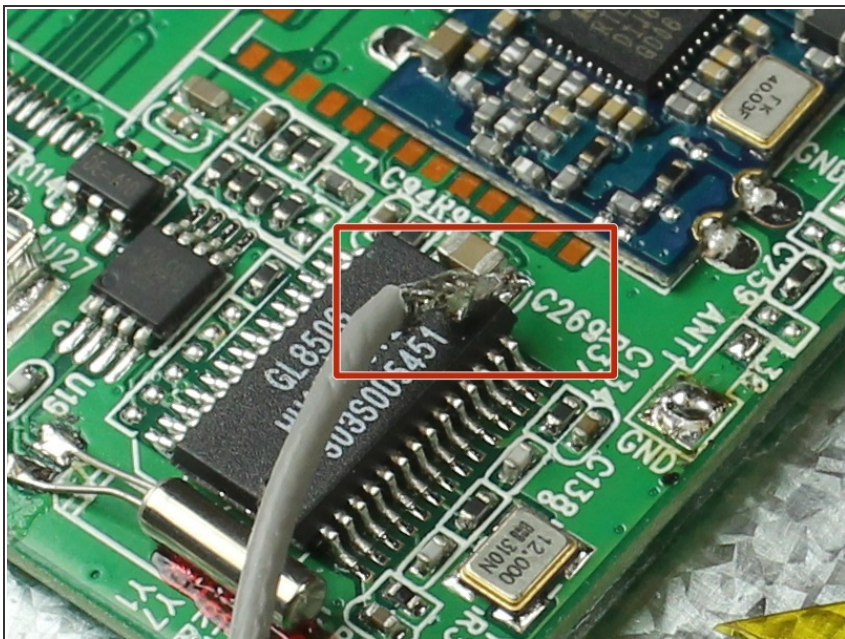
## Step 6



- Desolder components
- Use a soldering vacuum to remove any excess solder

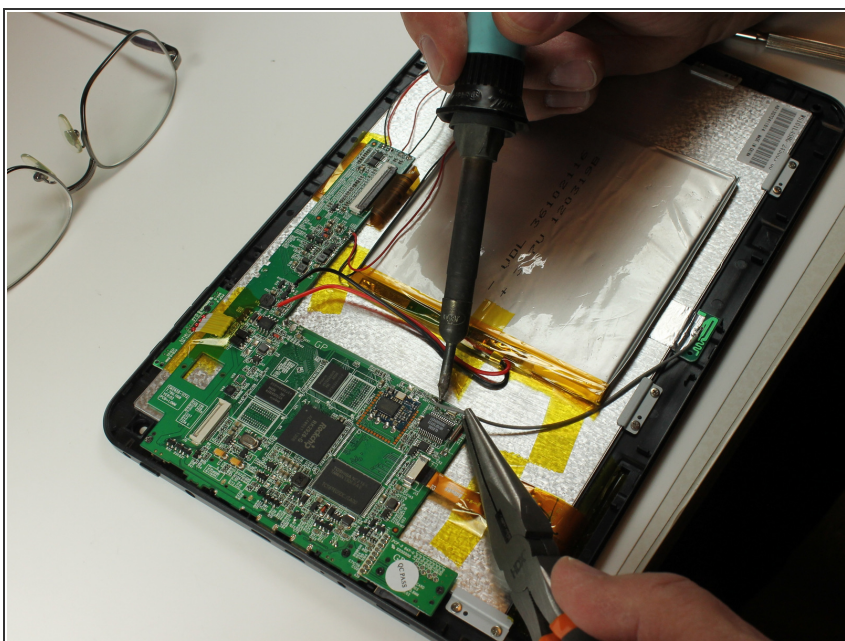


## Step 7



- Using wire strippers or a sharp blade, strip off at least 2mm of wire insulation from each wire.

## Step 8



- Solder outer wire braid shield to ground point.
- Solder center conductor to the antenna point

To reassemble your device, follow these instructions in reverse order.

This document was last generated on 2017-06-21 09:25:15 AM.